

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 6395-57049
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) <b>09/763397</b>
INTERNATIONAL APPLICATION NO. PCT/US99/18869	INTERNATIONAL FILING DATE 19 August 1999	PRIORITY DATE CLAIMED 21 August 1998
TITLE OF INVENTION <b>RECOMBINANT MULTIVALENT MALARIAL VACCINE AGAINST PLASMODIUM FALCIPARUM</b>		
APPLICANT(S) FOR DO/EO/US Altaf A. Lal, Ya Ping Shi, Seyed E. Hasnain		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ul style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. § 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. § 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. § 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. § 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</li> </ul>		
<b>Items 11. to 16. below concern document(s) or information included:</b>		
<ul style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$80.00 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <ul style="list-style-type: none"> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> </ul> </li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input checked="" type="checkbox"/> A computer readable form of the sequence listing, and Statement in Compliance with § 1.821(f).</li> <li>16. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> International Publication WO 00/11179 with attached International Search Report.</li> <li><input checked="" type="checkbox"/> Copies of References Cited (cited in and provided with the Information Disclosure Statement).</li> <li><input checked="" type="checkbox"/> Written Opinion.</li> <li><input checked="" type="checkbox"/> International Preliminary Examination Report.</li> </ul> </li> </ul>		



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<b>09/763397</b>	PCT/US99/18869	6395-57049
17. <input type="checkbox"/> The following fees are submitted:		CALCULATIONS (PTO USE ONLY)
<b>BASIC NATIONAL FEE (37 C.F.R. §§ 1.492(a)(1)-(5)):</b>		
Neither International Preliminary Examination fee (37 C.F.R. § 1.482) nor International Search fee (37 C.F.R. § 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1,000.00		
International Preliminary Examination fee (37 C.F.R. § 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$860.00		
International Preliminary Examination fee (37 C.F.R. § 1.482) not paid to USPTO but International Search fee (37 C.F.R. § 1.445(a)(2)) paid to USPTO.....\$710.00		
International Preliminary Examination fee paid to USPTO (37 C.F.R. § 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690.00		
International Preliminary Examination fee paid to USPTO (37 C.F.R. § 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 860.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).		\$
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	12 - 20 =	0
Independent Claims	1 - 3 =	0
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>		+ \$270.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 860.00
<input type="checkbox"/> Reduction of 1/2 for filing by small entity. Small entity status is claimed for this application.		\$
<b>SUBTOTAL =</b>		\$ 860.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). +		\$
<b>TOTAL NATIONAL FEE =</b>		\$ 860.00
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property. +		\$ 80.00
<b>TOTAL FEES ENCLOSED =</b>		\$ 940.00
		REFUND → \$
		CHARGE → \$

a.  A check in the amount of \$940.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c.  The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP  
One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, OR 97204-2988

SIGNATURE  
*[Signature]*  
Tanya M. Harding, Ph.D.  
NAME  
42,630  
REGISTRATION NUMBER